



PATENT
Attorney Docket No.: GRQ-00100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jack Cheng et al.

Serial No.: 09/723,615

Filed: November 27, 2000

For: **SMART SONIC BEARINGS AND
METHOD FOR FRICTIONAL
FORCE REDUCTION AND
SWITCHING**

) Group Art Unit:

) Examiner:

) **TRANSMITTAL LETTER**

) 260 Sheridan Avenue, Suite 420
) Palo Alto, California 94306
) (650)833-0160

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed please find a Information Disclosure Statement, and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 2/21/01

By: Thomas B. Haverstock

Thomas B. Haverstock
Reg. No.: 32,571
Attorneys for Applicants

CERTIFICATE OF MAILING (37 CFR § 1.8(a)),
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington D.C. 20231

HAVERSTOCK & OWENS LLP
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) **INFORMATION DISCLOSURE**
) **STATEMENT**

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Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

Applicants have become aware of the following printed publications which may be material to the examination of this application:

- U.S. Patent No. Re.33,390;
- U.S. Patent No. 3,683,476;
- U.S. Patent No. 3,756,105;
- U.S. Patent No. 3,774,923;
- U.S. Patent No. 3,867,014;
- U.S. Patent No. 3,937,148;
- U.S. Patent No. 4,453,103;
- U.S. Patent No. 4,482,421;
- U.S. Patent No. 4,523,120;
- U.S. Patent No. 4,530,021;
- U.S. Patent No. 4,562,374;

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- U.S. Patent No. 4,644,199;
- U.S. Patent No. 4,736,129;
- U.S. Patent No. 4,785,177;
- U.S. Patent No. 4,824,262;
- U.S. Patent No. 4,866,690;
- U.S. Patent No. 4,874,979;
- U.S. Patent No. 4,884,002;
- U.S. Patent No. 4,894,579;
- U.S. Patent No. 4,944,606;
- U.S. Patent No. 4,968,714;
- U.S. Patent No. 4,987,334;
- U.S. Patent No. 5,001,404;
- U.S. Patent No. 5,013,945;
- U.S. Patent No. 5,036,245;
- U.S. Patent No. 5,039,894;
- U.S. Patent No. 5,043,621;
- U.S. Patent No. 5,070,571;
- U.S. Patent No. 5,099,166;
- U.S. Patent No. 5,140,215;
- U.S. Patent No. 5,162,692;
- U.S. Patent No. 5,180,940;
- U.S. Patent No. 5,186,378;
- U.S. Patent No. 5,244,140;
- U.S. Patent No. 5,332,941;
- U.S. Patent NO. 5,332,942;
- U.S. Patent No. 5,345,137;
- U.S. Patent No. 5,376,858;
- U.S. Patent No. 5,410,206;
- U.S. Patent No. 5,416,375;
- U.S. Patent No. 5,441,305;
- U.S. Patent No. 5,446,331;
- U.S. Patent No. 5,448,129;
- U.S. Patent No. 5,563,465;

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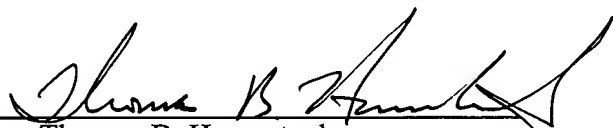
- U.S. Patent No. 5,589,723;
- U.S. Patent No. 5,637,948;
- U.S. Patent No. 5,712,524;
- U.S. Patent No. 5,770,913;
- U.S. Patent No. 5,783,899;
- U.S. Patent No. 5,786,654;
- U.S. Patent No. 5,911,514;
- U.S. Patent No. 5,994,820;
- U.S. Patent No. 6,002,549;
- U.S. Patent No. 6,040,643;
- U.S. Patent No. 6,064,140.
- Scott Chou, et al. "Miniature Ultrasonic Motor" Horological Journal Article of the month February 1999, 13 pages
- "Piezo-Electric Ultrasonic Motors" Piezo Systems, Inc., Cambridge, Massachusetts, U.S.A pp. 1-3, 9/12/00.
- Calvin F. Quate et al., "Acoustic Microscopy with Mechanical Scanning-A Review" pp. 482-504
- Piezoelectric Acousto-Isolators, 4 pgs.
- Paul Atherton, "Technology Trends Micropositioning using Piezoelectric Translators" Dec. 1987, Photonics Spectra, pp. 51-53 & p.84
- "CVD Diamond Films Open New Vistas" 1989 Trends Optics, 9 pgs.
- Peter J. Blau, "Friction Science and Technology" Marcel Dekke, Inc., New York, 3 pgs.
- Kenneth C. Ludema "Friction Wear, Lubrication" A text book in tribology, 4 pgs.
- Karl F. Graff, "Wave Motion in Elastic Solids" Dover Pub., Inc., New York
- "An Acoustic Transformer Powered Super-High Isolation Amplifier" pp. 830-833.
- "Guide To Modern Piezoelectric Ceramics" Morgan Matroc, Inc., Electro Ceramics Division, 27 pgs.
- "Channel Industries, Inc." Piezoelectric Ceramics, 16 pgs.
- "Piezoelectric Ceramics" EDO Corp. Western Division, 30 pgs.
- "Multilayer Piezoelectric Actuators : User's Manual" Tokio, 25 pgs.

JED

This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: 2-21-01


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Reg. No.: 32,571

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